

IN THE CLAIMS:

Please amend the claims as follows:

1-42. (Canceled)

43. (New) A method of treating or preventing pulmonary hypertension comprising administering a therapeutically effective amount of citrulline to a subject in need thereof, wherein said citrulline is administered intravenously.

44. (New) The method of claim 43, wherein the subject is human.

45. (New) The method of claim 44, wherein the human is an infant.

46. (New) The method of claim 45, wherein the pulmonary hypertension is persistent pulmonary hypertension.

47. (New) The method of claim 43, wherein the citrulline is administered in a dose ranging from about 100 mg to about 30,000 mg.

48. (New) The method of claim 47, wherein the citrulline is administered in a dose ranging from about 250 mg to about 1,000 mg.

49. (New) The method of claim 47, wherein the citrulline is administered in a dose ranging from about 200 mg/kg to about 800 mg/kg.

50. (New) A method of treating or preventing pulmonary hypertension comprising administering a therapeutically effective amount of citrulline to a subject, wherein the subject is exposed to or about to be exposed to cardiac surgery, and whereby low postoperative pulmonary vascular tone is maintained.

51. (New) The method of claim 50, wherein the subject is human.

- 52. (New) The method of claim 51, wherein the human is an infant.
- 53. (New) The method of claim 51, wherein citrulline is administered intravenously.
- 54. (New) The method of claim 51, wherein the cardiac surgery is repair of congenital heart defects.